



1/20 2673

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun Koyama et al.  
Serial No. : 09/923,433  
Filed : August 8, 2001  
Title : LIQUID CRYSTAL DISPLAY DEVICE, METHOD OF DRIVING THE SAME,  
AND METHOD OF DRIVING A PORTABLE INFORMATION DEVICE  
HAVING THE LIQUID CRYSTAL DISPLAY DEVICE

Art Unit : 2673  
Examiner : Amare Mengistu  
Confirmation No.: 9952

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 19, 2005

**Customer No. 26171**  
Fish & Richardson P.C.  
1425 K Street, N.W. - 11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331

  
John F. Hayden  
Reg. No. 37,640

40278291.doc

07/20/2005 JADD01 00000086 09923433

01 FC:1806

180.00 0P

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-064001	Application No. 09/923,433
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR § 1.88(b))		Applicant Jun Koyama et al.	
		Filing Date August 8, 2001	Group Art Unit 2673

### U.S. Patent Documents

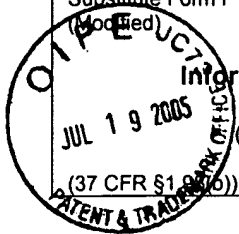
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0000969 A1	01/03/2002	Ozawa			04/25/2001
	AB	2002/0018131 A1	02/14/2002	Kochi			05/15/2001
	AC	2002/0130828 A1	09/19/2002	Yamazaki et al.			12/21/2001
	AD	2003/0067632 A1	04/10/2003	Ohta et al.			11/12/2002
	AE	2003/0098875 A1	05/29/2003	Kurokawa et al.			11/18/2002
	AF	2003/0103025 A1	06/05/2003	Kurokawa et al.			11/20/2002
	AG	2004/0164322 A1	08/26/2004	Kondo et al.			08/14/2003
	AH	5,125,045	06/23/1992	Murakami et al.			11/17/1988
	AI	5,608,549	03/04/1997	Usami			06/09/1992
	AJ	5,673,422	09/30/1997	Kawai et al.			01/23/1995
	AK	5,818,898	10/06/1998	Tsukamoto et al.			11/06/1996
	AL	5,841,482	11/24/1998	Wang et al.			12/16/1996
	AM	5,854,628	12/29/1998	Nakagawa			09/12/1995
	AN	6,335,728 B1	01/01/2002	Kida et al.			03/23/1999
	AO	6,344,672 B2	02/05/2002	Huffman			05/30/2001
	AP	6,545,708 B1	04/08/2003	Tamayama et al.			07/07/1998
	AQ	6,564,237 B2	05/13/2003	Ohashi et al.			10/17/2001
	AR	6,579,736 B2	06/17/2003	Yamazaki			04/17/2002
	AS	6,683,596 B2	01/27/2004	Ozawa			04/25/2001

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	AT	09-212140	08/15/1997	JAPAN			AB	
	AU	11-064814	03/05/1999	JAPAN			AB	
	AV	CN 1337669	02/27/2002	CHINA			AB	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-064001	Application No. 09/923,433
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Jun Koyama et al.	
		Filing Date August 8, 2001	Group Art Unit 2673



Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AW	U.S. Patent Application Office Action (Application No. 09/969,591) mailed June 30, 2005
	AX	U.S. Patent Application Office Action (Application No. 09/916,306) mailed January 25, 2005
	AY	U.S. Patent Application Office Action (Application No. 09/930,956) mailed May 2, 2005
	AZ	China Patent Application Office Action (Application No. 01126012.2) mailed March 18, 2005

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	